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Total Number of Pages in This Submission

Application Number 09/810,310

Filing Date March 14, 2001

First Named Inventor Khleif, Samir N.

Group Art Unit 1644

Examiner Name M. Dibrino

Attorney Docket Number 015280-415100US

ENCLOSURES (check all that apply)						
Fee Transmittal Form		Assignment Papers (for an Application)		After Allowance Communication to Group		
Fee Attached		☐ Drawing(s)		Appeal Communication to Board of Appeals and Interferences		
Amendment / Reply		Licensing-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final		Petition		Proprietary Information		
Affidavits/declaration(s)		Petition to Convert to a Provisional Application		Status Letter		
Extension of Time Request		Power of Attorney, Revocation Change of Correspondence Address		Other Enclosure(s) (please identify below):		
Express Abandonment Request		☐ Terminal Disclaimer ☐ Request for Refund		Form PTO-1449; References: AA-DC; Return Postcard		
Information Disclosure Statement		CD, Number of CD(s)				
Certified Copy of Priority Document(s)		Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.			
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PATENT Attorney Docket No. 015280-415100US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Samir Khleif et al.

Application No.: 09/810,310

Filed: March 14, 2001

For: METHODS AND COMPOSITIONS

FOR CO-STIMULATION OF IMMUNOLOGICAL RESPONSES

TO PEPTIDE ANTIGENS

Examiner:

M. Dibrino

Art Unit:

1644

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicants direct the Examiner's attention to the references below, also listed on the accompanying Form PTO-1449. A copy of each is also enclosed.

The following U.S. Patents are set forth below by issue date.

AA. U.S. Patent No. 4,599,230, issued on July 8, 1986 to Milich et al.

AB. U.S. Patent No. 4,599,231, issued on July 8, 1986 to Milich et al.

AC. U.S. Patent No. 5,861,310, issued on January 19, 1999 to Freeman et al.

AD. U.S. Patent No. 5,866,553, issued on February 2, 1999 to Donnelly et al.

AE. U.S. Patent No. 5,942,607, issued on August 24, 1999 to Freeman et al.

The following foreign patent publications are set forth by approximate publication

date:

Samir Khleif et al.

Application No.: 09/810,310

Page 2

The following articles are set forth in alphabetical order:

- AG. Acsadi et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," Nature 352:815-818 (1991)
- AH. Aichele et al., "Antiviral cytotoxic T cell response induced by in vivo priming with a free synthetic peptide," J. Exp. Med. 171:1815-1820 (1990)
- AI. Armitage et al., "Molecular and biological characterization of a murine ligand for CD40," Nature 357:80-82 (1992)
- AJ. Azuma et al., "B70 antigen is a second ligand for CTLA-4 and CD28," Nature 366:76-79 (1993)
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- AN. Bretscher and Cohn, "A theory of self-nonself discrimination," *Science* 169:1042-1049 (1970)
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- AP. Brunet et al., "A new member of the immunoglobulin superfamily -- CTLA-4," Nature 328:267-270 (1987)
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Samir Khleif et al.

Application No.: 09/810,310

Page 3

- AU. Dustin et al., "Correlation of CD2 binding and functional properties of multimeric and monomeric lymphocyte function-associated antigen 3," J. Exp. Med. 169:503-517 (1989)
- AV. Eisenlohr *et al.*, "A transient transfection system for identifying biosynthesized proteins processed and presented to class I MHC restricted T lymphocytes," *J. Immunol. Meth.* 154:131-138 (1992)
- AW. Elliott et al., "Perspectives on the role of MHC antigens in normal and malignant cell development," Adv. Cancer Res. 53:181-245 (1989)
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- BD. Gimmi et al., "Human T-cell clonal anergy is induced by antigen presentation in the absence of B7 costimulation," Proc. Natl. Acad. Sci. USA 90:6586-6590 (1993)
- BE. Golumbek *et al.*, "Treatment of established renal cancer by tumor cells engineered to secrete interleukin-4," *Science* 254:713-716 (1991)
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- BG. Harding et al., "CD28-mediated signalling co-stimulates murine T cells and prevents induction of anergy in T-cell clones," *Nature* 356:607-609 (1992)
- BH. Hart et al., "Priming of anti-human immunodeficiency virus (HIV) CD8⁺ cytotoxic T cells in vivo by carrier-free HIV synthetic peptides," Proc. Natl. Acad. Sci. USA 88:9448-9452 (1991)

Samir Khleif et al.

Application No.: 09/810,310

Page 4

PATENT

- BI. Harty et al., "CD8⁺ T cells specific for a single nonamer epitope of Listeria moncytogenes are protective in vivo," J. Exp. Med. 175:1531-1538 (1992)
- BJ. Hellström and Hellström, in *The Biologic Therapy of Cancer*, pp. 35-52, Devita et al., eds., Philadelphia, J. B. Lippincott Co. (1991)
- BK. Hunt et al., "Peptides presented to the immune system by the murine class II major histocompatibility complex molecule 1-A^d," Science 256:1817-1820 (1992)
- BL. Janeway, C.A., Jr., "Approaching the asymptote? Evolution and revolution in immunology," *Cold Spring Harbor Symp. Quant. Biol.* 54:1-13 (1989)
- BM. Jenkins et al., "Allogeneic non-T spleen cells restore the responsiveness of normal T cell clones stimulated with antigen and chemically modified antigen-presenting cells," J. Immunol. 140:3324-3330 (1988)
- BN. June et al., "Role of the CD28 receptor in T-cell activation," Immunol. Today 11:211-216 (1990)
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- BS. Lafferty et al., "Immunobiology of tissue transplantation: a return to the passenger leukocyte concept," Ann. Rev. Immunol. 1:143-173 (1983)
- BT. LaSalle et al., "Presentation of autoantigen by human T cells," J. Immunol. 147:774-780 (1991)
- BU. Lenschow et al., "Long-term survival of xenogeneic pancreatic islet grafts induced by CTLA4Ig," Science 257:789-792 (1992)
- BV. Ley et al., "Interleukin 2-dependent activation of tumor-specific cytotoxic T lymphocytes in vivo," Eur. J. Immunol. 21:851-854 (1991)
- BW. Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB-1," Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990)

PATENT

Samir Khleif et al.

Application No.: 09/810,310

Page 5

- BX. Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleukin 2 mRNA accumulation," J. Exp. Med. 173:721-730 (1991)
- BY. Liu et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992)
- BZ. McKisic *et al.*, "Cytolytic activity of murine CD4⁺T cell clones correlates with IFN-γ production in mouse strains having a BALB/c background," *J. Immunol.* 150:3793-3805 (1993)
- CA. Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992)
- CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989)
- CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990)
- CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," *Science* 245:147-153 (1989)
- CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990)
- CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992)
- CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8⁺T cells," J. Immunol. 158:637-642 (1997)
- CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," *Proc. Natl. Acad. Sci. USA* 89:271-275 (1992)
- CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells," Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992)
- CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes, Science 233:1318-1321 (1986)
- CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986)
- CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," *Nature* 348:252-254 (1990)

Samir Khleif et al.

Application No.: 09/810,310

Page 6

- CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991)
- CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," J. Immunol. 161:5138-5142 (1998)
- CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988)
- CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991)
- CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989)
- CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," *Immunogenetics* 36:175-181 (1992)
- CS. Staunton *et al.*, "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," *Cell* 52:925-933 (1988)
- CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNF α ," Immunity 11:423-432 (1999)
- CU. Thompson et al., "CD28 activation pathway regulates the production of multiple T-cell-derived lymphokines/cytokines," Proc. Natl. Acad. Sci. USA 86:1333-1337 (1989)
- CV. Townsend et al., "Antigen recognition by class I-restricted T lymphocytes," Ann. Rev. Immunol. 7:601-624 (1989)
- CW. Townsend et al., "Tumor rejection after direct costimulation of CD8⁺ T cells by B7-transfected melanoma cells," Science 259:368-370 (1993)
- CX. Turka et al., "T-cell activation by the CD28 ligand B7 is required for cardiac allograft rejection in vivo," Proc. Natl. Acad. Sci. USA 89:11102-11105 (1992)
- CY. van-Seventer et al., "The LFA-1 ligand ICAM-1 provides an important costimulatory signal for T cell receptor-mediated activation of resting T cells," J. Immunol. 144:4579-4586 (1990)
- CZ. Wallner et al., "Primary structure of lymphocyte function-associated antigen 3 (LFA-3) The ligand of the T lymphocyte CD2 glycoprotein," J. Exp. Med. 166:923-932 (1987)

Samir Khleif et al.

Application No.: 09/810,310

Page 7

DA. Wingren et al., "T cell activation pathways: B7, LFA-3, and ICAM-1 shape unique T cell profiles," Crit. Rev. Immunol. 15:235-253 (1995)

DB. Wolff et al., "Direct gene transfer into mouse muscle in vivo," Science 247:1465-1468 (1990)

DC. Young et al., "The B7/BB1 antigen provides one of several costimulatory signals for the activation of CD4⁺ T lymphocytes by human blood dendritic cells in vitro," J. Clin. Invest. 90:229-237 (1992)

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants believe that their invention as claimed is patentable over the above references taken alone or in any combination. However, Applicants reserve the right to demonstrate that their claimed invention was made prior to any one or more of the above-identified references. No inference should be drawn as to the pertinence of the references based on the order in which they are presented.

Applicants respectfully request that the Examiner review the foregoing references to make her own determination of the patentability of the present invention and that the references be made of record in the file of this application.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action and after three months of the filing date, but prior to the Notice of Allowance or Final Office Action.

CERTIFICATION

I hereby certify that no item of information in the information disclosure statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in Section 1.56(c) more than three months prior to the filing of this information disclosure statement.

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PATENT

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees necessitated by this transmittal to Townsend and Townsend Deposit Account No. 20-1430.

Respectfully submitted,

Dated:

Bv:

Brian W. Poor Reg. No. 32,928

TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, 8th Floor

San Francisco, CA 94111 Tel.: (206) 467-9600

Fax: (415) 576-0300



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FORM PTO-1449 (Modified)				Attorney Docket No.: 015280-415100US Application No.: 09/810,310			: 09/810,310	
LIST OF PATENTS AND PUBLICATIONS FOR				Applicant: Samir Khleif et al.				
	APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Filing Date: March 14, 2	Filing Date: March 14, 2001		Group: 1644	
Reference	e Desig	nation		U.S. PATENT DOCUME	NTS	.1	Page 1 of 1	
Examiner Initial					Filing Date (If Appropriate)			
	AA.	4,599,230	July 8, 1986	Milich et al.				
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	AC.	5,861,310	Jan.19, 1999	Freeman et al.				
	AD.	5,866,553	Feb. 2, 1999	Donnelly et al.				
	AE.	5,942,607	Aug. 24, 1999	Freeman et al.				
			FOR	REIGN PATENT DOCUM	MENTS			
		Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)	
	AF.	90/11092	Oct. 4, 1990	wo				
		O	THER ART (Incl.	uding Author, Title, Date,	Pertinent Pages, E	tc.)		
	AG.	Acsadi et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," Nature 352:815-818 (1991)						
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		secretion," Nat. Med. 5:1365-1369 (1999)						

<u>BEST AVAILABL</u>E CÔPY Attorney Docket No.: 015280-415100ÚS Application No.: 09/810,310 FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR Applicant: Samir Khleif et al. APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) Group: 1644 Filing Date: March 14, 2001 Dustin et al., "Correlation of CD2 binding and functional properties of multimeric and monomeric lymphocyte function-associated antigen 3," J. Exp. Med. 169:503-517 (1989) Eisenlohr et al., "A transfert transfection system for identifying biosynthesized proteins processed and presented Wis o o de to class I MHC restricted T lymphocytes," J. Immunol. Meth. 154:131-138 (1992) Elliott et al.. "Perspectives on the role of MHC antigens in normal and malignant cell development," Adv. Cancer Res. 53:181-245 (1989) ELVE TRAIL Fearon et al., "Interleukin-2 production by tumor cells bypasses T helper function in the generation of an antitumor AX. response," Cell 60:397-403 (1990) Freeman et al., "Structure, expression, and T cell costimulatory activity of the murine homologue of the human B AY. lymphocyte activation antigen B7," J. Exp. Med. 174:625-631 (1991) Fynan et al., "DNA vaccines: protective immunizations by parenteral, mucosal, and gene-gun inoculations," Proc. AZ. Natl. Acad. Sci. USA 90:11478-11482 (1993) Gansbacher et al., "Interleukin 2 gene transfer into tumor cells abrogates tumorigenicity and induces protective BA. immunity," J. Exp. Med. 172:1217-1224 (1990) Germain, R., "The ins and outs of antigen processing and presentation," Nature 322:687-691 (1986) BB. Gimmi et al., "B-cell surface antigen B7 provides a costimulatory signal that induces T cells to proliferate and BC. secrete interleukin 2," Proc. Natl. Acad. Sci. USA 88:6575-6579 (1991) Gimmi et al., "Human T-cell clonal anergy is induced by antigen presentation in the absence of B7 costimulation," BD. Proc. Natl. Acad. Sci. USA 90:6586-6590 (1993) Golumbek et al., "Treatment of established renal cancer by tumor cells engineered to secrete interleukin-4," BE. Science 254:713-716 (1991) Greenberg, P. D., "Adoptive T cell therapy of tumors: mechanisms operative in the recognition and elimination of BF. tumor cells," Adv. Immunol. 49:281-355 (1991) Harding et al., "CD28-mediated signalling co-stimulates murine T cells and prevents induction of anergy in T-cell BG. clones," Nature 356:607-609 (1992) Hart et al., "Priming of anti-human immunodeficiency virus (HIV) CD8+ cytotoxic T cells in vivo by carrier-free BH. HIV synthetic peptides," Proc. Natl. Acad. Sci. USA 88:9448-9452 (1991) Harty et al., "CD8⁺ T cells specific for a single nonamer epitope of Listeria moncytogenes are protective in vivo," BI. J. Exp. Med. 175:1531-1538 (1992) Hellström and Hellström, in The Biologic Therapy of Cancer, pp. 35-52, Devita et al., eds., Philadelphia, J. B. BJ. Lippincott Co. (1991) Hunt et al., "Peptides presented to the immune system by the murine class II major histocompatibility complex BK. molecule 1-A^d," Science 256:1817-1820 (1992) Janeway, C.A., Jr., "Approaching the asymptote? Evolution and revolution in immunology," Cold Spring Harbor BL. Symp. Quant. Biol. 54:1-13 (1989) Jenkins et al., "Allogeneic non-T spleen cells restore the responsiveness of normal T cell clones stimulated with BM. antigen and chemically modified antigen-presenting cells," J. Immunol. 140:3324-3330 (1988) June et al., "Role of the CD28 receptor in T-cell activation," Immunol. Today 11:211-216 (1990) BN. Kast et al., "Protection against lethal Sendai virus infection by in vivo priming of virus-specific cytotoxic T BO. lymphocytes with a free synthetic peptide," Proc. Natl. Acad. Sci. USA 88:2283-2287 (1991) Kotovuori et al., "ICAM-2 and a peptide from its binding domain are efficient activators of leukocyte adhesion BP. and integrin affinity," J. Immunol. 162:6613-6620 (1999) Koulova et al., "The CD28 ligand B7/BB1 provides costimulatory signal for alloactivation of CD4⁺ T cells," J. BQ. Exp. Med. 173:759-762 (1991)

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Immunol. 1:143-173 (1983)

ETATEMENT (Use several sheets if necessary) Filing Date: March 14, 2001 Group: 1644 LaSalle et al., "Presentation of autoantigen by human T cells," J. Immunol. 147:774-780 (1991) Lenschow et al., "Long-term survival of xenogeneic pancreatic islet grafts induced by CTLA41g," Science 257:789-792 (1992) Ley et al., "Interleukin 2-dependent activation of tumor-specific cytotoxic T lymphocytes in vivo," Eur. J. Immunol. 13:851-854 (1991) BW. Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB 1," Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990) BY. Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleuk 2 mRNA accumulation," J. Exp. Med. 173:721-730 (1991) BY. Liu et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-y production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemiti et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parta et al., "The role of B7-1 and LFA-3 in costimulation of CD8" T cells, "J. Immunol. 158:637-642 (1997) CH. Reiser e	FORM PTO-1449 (Modified)			Attorney Docket No.: 015280-415100ÚS	Application No.: 09/810,310		
TATEMENT (Use several sheets if necessary) Lasalle et al., "Presentation of autoantigen by human T cells," J. Immunol. 147:774-780 (1991) Lenschow et al., "Long-term survival of senogeneic pancreatic islet grafts induced by CTLA41g." Science 257:789-792 (1992) Ley et al., "Interleukin 2-dependent activation of tumor-specific cytotoxic T lymphocytes in vivo," Eur. J. Immunol. 2183:1-834 (1991) BW. Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB 1," Proc. Natl. Acad. Sci. USA 87:5031-5033 (1990) BY. Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleuk 2 mRNA accumulation," J. Exp. Med. 173:721-730 (1991) BY. Lin et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) BZ. McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-ry production in mouse strain having a BALBic background," J. Immunol. 150:3793-3805 (1993) CA. Mellef, C. J. M., "Tumor cradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Alm. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Sist-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcona cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemiti et al., "The rejectory for process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "Murine D7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes win the T-cell receptor/CD3 complex," Pr	LIST OF PATENTS AND PUBLICATIONS FOR			Applicant: Samir Khleif et al.			
Lenschow et al., "Long-term survival of xenogeneic pancreatic islet grafts induced by CTLA41g," Science 257:789-792 (1992) Ley et al., "Interleukin 2-dependent activation of tumor-specific cytotoxic T lymphocytes in viva," Eur. J. Immunol. 21:851-854 (1991) BW. Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB 1," Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990) BX. Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleuk 2 mRNA accumulation," J. Exp. Med. 175:217-270 (1991) BY. Lin et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) BZ. McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-y production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Melief, C. J. M., "Tumor cradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signaling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15. (1988) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:008-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymp	STATEMENT (Use several sheets if necessary)			Filing Date: March 14, 2001 Group: 1644			
Ley et al., "Interleukin 2-dependent activation of tumor-specific cytotoxic T lymphocytes in vivo," Eur. J. Immunol. 21:851-854 (1991) BW. Linsley et al., "T-cell antigen CD28 mediates adhesion with B cells by interacting with activation antigen B7/BB [". Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990) BX. Linsley et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleuk 2 mR/NA accumulation," J. Exp. Med. 173:721-730 (1991) BY. Lin et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) BZ. McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-y production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Meller, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mweller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1985) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdermiri et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8" T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. UK 48:8921-2975 (1992) CI. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," An				toantigen by human T cells," J. Immunol. 147:774-780 (1991)			
Immunol. 21:851-854 (1991)	W6 1 0 :						
1," Proc. Natl. Acad. Sci. USA 87:5031-5035 (1990) BX. Linstey et al., Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleuk 2 mRNA accumulation," J. Exp. Med. 173:721-730 (1991) BY. Liu et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) BZ. McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-γ production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. McHief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemrili et al., "The role of B7-1 and LFA-3 in costimulation of CD8*T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex, Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CI. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 16:1318-5142 (1998) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 6:465-483 (1988)							
BY. Liu et al., "Heat-stable antigen is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445 (1992) BZ. McKisic et al., "Cytolytic activity of murine CD4* T cell clones correlates with IFN-y production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8*T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD2 complex," Proc. Natl. Acad. Sci. USA 89:3712-775 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells," Proc. Natl. Acad. Sci. USA 89:3918-8922 (1992) CI. Rosenberg et al., "An ew approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Sequence analysis of peptides bound to MHC class II molecules on the surface of cells," Nature 345:22-234 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Schwartz, "Acquisitio	THAN	BW.					
BZ. McKisic et al., "Cytolytic activity of murine CD4" T cell clones correlates with IFN-y production in mouse strain having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15. (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4065-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8" T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CI. Rosenberg et al., "An ew approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes. Science 233:1318-1321 (1986) CK. Rosenberg et al., "Sciencer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rotzesche et al., "Solation and analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 16:15:138-514					T cell proliferation and interleuki		
 having a BALB/c background," J. Immunol. 150:3793-3805 (1993) CA. Melief, C. J. M., "Tumor eradication of adoptive transfer of cytotoxic T lymphocytes," Adv. Cancer Res. 58:143-175 (1992) CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-157 (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8* cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:3818-8922 (1992) CJ. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) <l< td=""><td>·-··</td><td>BY.</td><td></td><td colspan="4">is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445</td></l<>	·-··	BY.		is a costimulatory molecule for CD4 T cell growth," J. Exp. Med. 175:437-445			
CB. Mueller et al., "Clonal expansion versus functional clonal inactivation: a costimulatory signalling pathway determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8*T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rosenberg et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:89118-8922 (1992) CI. Rosenberg et al., "An new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rôtzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schuzte et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Genomic organization and chromosomal locat		BZ.			IFN-γ production in mouse strain		
determines the outcome of T cell antigen receptor occupancy," Ann. Rev. Immunol. 7:445-480 (1989) CC. Nabel et al., "Site-specific gene expression in vivo by direct gene transfer into the arterial wall," Science 249:1285-1288 (1990) CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8" T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells," Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5188-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CR. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Schwartz, "Acquisition of immunologic self-tolerance, "Cell 57:1073-1081 (CA.		ion of adoptive transfer of cytotoxic T lympho	cytes," Adv. Cancer Res. 58:143-		
 CD. Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-15: (1989) CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8* T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CR. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1992)		СВ.					
 CE. Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immunol. 144:4068-4071 (1990) CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8*T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the Blymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supe		CC.		xpression in vivo by direct gene transfer into the	ne arterial wall," Science		
 CF. Ozdemirli et al., "The cytotoxic process of CD4 Th1 clones," J. Immunol. 149:1889-1895 (1992) CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8* T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CS. Schwaltz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1992) CS. Staunton et al., "Genomic organization and chromosomal location of the human gene encoding the Blymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between member	CD.		Nossal, G. J. V., "Immunologic tolerance: collaboration between antigen and lymphokines," Science 245:147-153 (1989)				
CG. Parra et al., "The role of B7-1 and LFA-3 in costimulation of CD8* T cells," J. Immunol. 158:637-642 (1997) CH. Reiser et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992) CI. Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells, Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFa," Immunity 11:423-	CE.	CE.	Ostrand-Rosenberg et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," J. Immuno 144:4068-4071 (1990)				
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 Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992) CJ. Rosenberg et al., "A new approach to the adoptive immunotherapy of cancer with tumor-infiltrating lymphocytes Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFα," Immunity 11:423- 		СН.	lymphocytes via the T-cell receptor/CD3 complex," Proc. Natl. Acad. Sci. USA 89:271-275 (1992)				
 Science 233:1318-1321 (1986) CK. Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986) CL. Rötzschke et al., "Isolation and analysis of naturally processed viral peptides as recognized by cytotoxic T cells," Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the Blymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFα," Immunity 11:423- 		CI.	Rock et al., "Analysis of the association of peptides of optimal length to class I molecules on the surface of cells," Proc. Natl. Acad. Sci. USA 89:8918-8922 (1992)				
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 Nature 348:252-254 (1990) CM. Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991) CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFα," Immunity 11:423- 		CK.	Rosenberg et al., "Cancer immunotherapy using interleukin-2 and interleukin-2-activated lymphocytes," Ann. Rev. Immunol. 4:681-709 (1986)				
 CN. Salomon et al., "Cutting edge: LFA-1 interaction with ICAM-1 and ICAM-2 regulates Th2 cytokine production," Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the Blymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFα," Immunity 11:423- 		CL.	Nature 348:252-254 (1990)				
 Immunol. 161:5138-5142 (1998) CO. Schreiber et al., "Unique tumor-specific antigens," Ann. Rev. Immunol. 6:465-483 (1988) CP. Schulz et al., "Peptide-induced antiviral protection by cytotoxic T cells," Proc. Natl. Acad. Sci. USA 88:991-993 (1991) CQ. Schwartz, "Acquisition of immunologic self-tolerance," Cell 57:1073-1081 (1989) CR. Selvakumar et al., "Genomic organization and chromosomal location of the human gene encoding the B-lymphocyte activation antigen B7," Immunogenetics 36:175-181 (1992) CS. Staunton et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," Cell 52:925-933 (1988) CT. Swallow et al., "B7h, a novel costimulatory homolog of B7.1 and B7.2, is induced by TNFα," Immunity 11:423- 		CM.	Rudensky et al., "Sequence analysis of peptides bound to MHC class II molecules," Nature 353:622-627 (1991)				
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OIPE CU.		on pathway regulates the production of multiple atl. Acad. Sci. USA 86:1333-1337 (1989)	e T-cell-derived		
Ci.	Townsend et al., "Antigen recogn	nition by class I-restricted T lymphocytes," Ann			
AUG 1 0 2006 VE	Townsend et al., "Tumor rejection Science 259:368-370 (1993)	n after direct costimulation of CD8 ⁺ T cells by B7-transfected melanoma cells,"			
THE TRAVELED	Natl. Acad. Sci. USA 89:11102-1	the CD28 ligand B7 is required for cardiac all 1105 (1992)			
CY.	mediated activation of resting T	ligand ICAM-1 provides an important costimu cells," J. Immunol. 144:4579-4586 (1990)			
CZ.	CZ. Wallner et al., "Primary structure of lymphocyte function-associated antigen 3 (LFA-3) - The ligand of the T lymphocyte CD2 glycoprotein," J. Exp. Med. 166:923-932 (1987)				
DA.	Immunol. 15:235-253 (1995)	pathways: B7, LFA-3, and ICAM-1 shape unio	·		
DB.		r into mouse muscle in vivo," Science 247:146:			
DC.	Young et al., "The B7/BB1 antig lymphocytes by human blood der	en provides one of several costimulatory signal adritic cells in vitro," J. Clin. Invest. 90:229-23	s for the activation of CD4 ⁺ T 7 (1992)		
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